

IN THE CLAIMS:

The present Amendment has been prepared in accordance with a revised format established by the U.S. Patent and Trademark Office, as permitted in the Pre-OG Notice entitled "Amendments in a Revised Format Now Permitted."

Please amend Claims 1, 5, 6, 12, 14, 20, 21, 25, 27, 33, 34, 38, 94, 97-99, 102, 107, 108, 110, and 114-116 as follows. In accordance with the revised format, all claims are presented below.

1. (Currently Amended) An image sensing apparatus comprising:

(a) ~~a first, second and third light sources~~ source which ~~emit~~ emits first light, second light, and third light which are different in wavelength; and

(b) ~~a signal generator~~ sensing unit which, in response to generates a trigger signal, outputs in a first period, for triggering an operation of sensing a signal of one line of one an image illuminated with the emitted light;

(c) ~~a sensing unit which, in response to the trigger signal, outputs in a first period, a signal of one line of the image illuminated by the light source; and~~

(d) ~~a light source control unit which controls such that, in a first period, the first, the second, and the third light sources are sequentially turned on and off in this order and such that, in a second period, the first, the second, and the third light sources are sequentially turned on and off in this order before a next trigger signal is generated, wherein the second period is such a~~

wherein the first light, the second light, and the third light are sequentially emitted in the first period, and the first light, the second light, and the third

light are sequentially emitted in this order in a second period during which no trigger signal is generated over a length of time greater than the length of time of the first period.

2-4 (Cancelled)

5. (Currently Amended) An apparatus according to claim 1, wherein said light source ~~control unit~~ sequentially turns on the first, the second and the third light sources so that said sensing unit may sense an image in a color mode.

6. (Currently Amended) An apparatus according to claim 1, wherein said light source ~~control unit~~ sequentially turns on the first, the second and the third light source so that said sensing unit may sense an image in a monochrome mode.

7. (Previously Amended) An apparatus according to claim 1, wherein said sensing unit outputs a signal a plurality of times during the first period.

8. (Previously Amended) An apparatus according to claim 7, wherein said sensing unit outputs a signal once during the first period.

9-11 (Cancelled)

12. (Currently Amended) An apparatus according to Claim 1, wherein said first, second, and third light sources include light sources which emit light with wavelengths corresponding to red, green, and blue.

13. (Cancelled)

14. (Currently Amended) A method of sensing an image, comprising the steps of:

(a) ~~emitting light which is different in wavelength from first, second, and third light sources;~~

(b) (a) generating a trigger signal for triggering an operation of sensing one line of an image;

(b) sequentially emitting first, second, and third light in a one-line sensing period, wherein the first light, second light, and third light are different in wavelength;

(c) in response to the trigger signal, outputting in a first period, a signal of one line of the image illuminated with the emitted light; and

(d) ~~in addition to sequentially turning on and off~~ emitting the first light, the second light, and the third light sources in this order in the first period, ~~turning on and off the first, the~~ a second, and the third light sources in this order in a second period before a next during which no trigger signal is generated, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the one-line sensing first period.

15-17 (Cancelled)

18. (Previously Amended) A method of sensing an image according to claim 14, wherein the first, the second and the third light sources are sequentially turned on thereby sensing an image in a color mode.

19. (Previously Amended) A method of sensing an image according to claim 14, wherein the first, the second and the third light sources are sequentially turned on thereby sensing an image in a monochrome mode.

20. (Currently Amended) A method of sensing an image according to claim 14, wherein the operation of sensing produces a signal of one line of the image is output a plurality of times during the first period.

21. (Currently Amended) A method of sensing an image according to claim 20, wherein said sensing unit outputs a the signal of one line of the image signal is output once during the first sensing period.

22-24 (Cancelled)

25. (Currently Amended) A method of sensing an image according to Claim 14, wherein said first, second, and third light sources include light sources which emit light with wavelengths corresponding to red, green, and blue.

26. (Cancelled)

27. (Currently amended) A control memory in which is stored a program comprising the steps of:

~~(a) emitting light which is different in wavelength from first, second, and third light sources;~~

(b) (a) generating a trigger signal for triggering an operation of sensing one line of an image;

(b) sequentially emitting first, second, and third light in a one-line sensing period, wherein the first light, second light, and third light are different in wavelength;

(c) in response to the trigger signal, outputting, in a first period, a signal of one line of the image illuminated with the emitted light; and

(d) ~~in addition to sequentially turning on and off the first, the second, and the third light sources in this order from in the first period, turning on and off the first, the second, and the third light sources in this order in a second period before a next trigger signal is generated, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the first period.~~

28-30. (Cancelled)

31. (Previously Amended) A control memory according to claim 27, wherein said program sequentially turns on the first, the second and the third light sources for sensing an image in a color mode.

32. (Previously Amended) A control memory according to claim 27, wherein said program sequentially turns on the first, the second and the third light sources for sensing an image in a monochrome mode.

33. (Currently Amended) A control memory according to claim 27, wherein ~~said operation of sensing produces an output a~~ the signal of one line of the image ~~is output~~ a plurality of times during the first period.

34. (Currently Amended) A control memory according to claim 33, wherein ~~said program causes said sensing unit to output a~~ the signal of one line of the image is output once during the first period.

35-37 (Cancelled)

38. (Currently Amended) A control memory according to claim 27, wherein said memory is arranged to control first, second, and third light sources which include light sources which emit light with wavelengths corresponding to red, green and blue.

39-93 (Cancelled)

94. (Currently Amended) An image sensing apparatus comprising:
according to claim 1,

- ~~(a) a light source which emits first light, second light, and third light which are different in wavelength;~~
- ~~(b) a signal generator unit which generates a trigger signal for triggering an operation of sensing one line of an image;~~
- ~~(c) a sensing unit which, in response to the trigger signal, outputs a signal of one line of the image illuminated by the light source; and~~
- ~~(d) a light source control unit which controls the light source such that the first light, the second light, and the third light are sequentially emitted in this order in the first period in which one line of the image is sensed by the sensing unit and such that predetermined light is emitted when the trigger signal is generated in a second period, wherein the second period is such a period during which no trigger signal is generated over a length of time greater than the length of time of a first period, and wherein the predetermined light is the second light in the case where the first light is being emitted when the trigger signal is generated, while the predetermined light is wherein the first light is emitted in the a case where light other than the first light is being emitted when the trigger signal is generated in the second period.~~

95. (Previously Added) An apparatus according to claim 94, wherein the first light is light which is first emitted at the beginning of a sensing operation performed by the sensing unit.

96. (Previously Added) An apparatus according to claim 94, wherein the first light is light which is slower in a rising speed when being turned on than the second and third light.

97. (Currently Amended) An apparatus according to claim 94, wherein the first, second, and third ~~light source control unit controls the light source such that the plurality of light rays~~ are sequentially emitted whereby the sensing unit senses a color image.

98. (Currently Amended) An apparatus according to claim 94, wherein the first, second, and third ~~light source control unit controls the light source such that the plurality of light rays~~ are sequentially emitted whereby the sensing unit senses a monochrome image.

99. (Currently Amended) An apparatus according to claim 94, wherein the sensing unit outputs a signal a plurality of times during ~~a one-line sensing period;~~ the first period

100. (Previously Amended) An apparatus according to claim 94, wherein the sensing unit outputs a signal once during the first period.

101. (Previously Added) An apparatus according to claim 94, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.

102. (Currently Amended) A method of sensing an image according to claim 14, further comprising the steps step of:

~~(a) generating a trigger signal for triggering an operation of sensing one line of an image;~~

~~(b) sequentially emitting first, second, and third light in a one-line sensing period;~~

~~(c) in response to the trigger signal, outputting one line of the image illuminated with the emitted light; and~~

~~(d) in addition to sequentially emitting the first, second and third light in the one-line sensing period, emitting predetermined light when the trigger signal is generated in a non-sensing period, wherein the non-sensing period is such a period during which no trigger signal is generated over a length of time greater than the length of time of the one-line sensing period; and wherein the predetermined light is the second light in the case where the first light is being emitted when the trigger signal is generated, while the predetermined light is emitting the first light in the a case where light other than the first light is being emitted when the trigger signal is generated in the second period.~~

103. (Previously Amended) An apparatus according to claim 102,
wherein the first light is light which is first emitted at the beginning of a sensing operation.

104. (Previously Added) An apparatus according to claim 102,
wherein the first light is light which is slower in a rising speed when being turned on than
the second and third light.

105. (Previously Amended) An apparatus according to claim 102,
wherein said sequentially emitting first, second and third lights is carried out by a light
source control unit which controls a light source such that the first, the second and the third
lights are sequentially emitted whereby a sensing unit senses a color image.

106. (Previously Amended) An apparatus according to claim 102,
wherein said sequentially emitting first, second and third lights is carried out by operation
of a light source control unit which controls a light source such that the first, the second
and the third lights are sequentially emitted whereby a sensing unit senses a monochrome
image.

107. (Currently Amended) An apparatus according to claim 102,
wherein a sensing unit outputs a said signal of one line of the image a plurality of times
during the first period.

108. (Currently Amended) An apparatus according to claim 102, wherein a sensing unit outputs a said signal of one line of the image once during the first period.

109. (Previously Added) An apparatus according to claim 102, wherein the first light, the second light, and the third light are each one of red light, green light, and blue light.

110. (Currently Amended) A control memory according to claim 27, said program further in which is stored a program comprising the steps step of:

(a) ~~generating a trigger signal for triggering an operation of sensing one line of an image;~~

(b) ~~sequentially emitting first, second, and third light in a one-line sensing period;~~

(c) ~~in response to the trigger signal, outputting, in a first period, one line of the image illuminated with the emitted light; and~~

(d) ~~in addition to sequentially emitting the first, second and third light in the first period, emitting predetermined light when the trigger signal is generated in a second period;~~

~~wherein the non-sensing period is such a period during which no trigger signal is generated over a length of time greater than the length of time of said first period; and~~

~~wherein the predetermined light is the second light in the case where~~

~~the first light is being emitted when the trigger signal is generated, while the predetermined~~
light is emitting the first light in the a case where light other than the first light is being
emitted when the trigger signal is generated in the second period.

111. (Previously Amended) An apparatus according to claim 110,
wherein the first light is light which is first emitted at the beginning of a sensing operation.

112. (Previously Amended) An apparatus according to claim 110,
wherein the first light is light which is slower in a rising speed when being turned on than
the second and third light.

113. (Previously Amended) An apparatus according to claim 110,
wherein said sequentially emitting first, second and third lights is carried out by operation
of a light source control unit which controls a light source such that the first, the second
and the third lights are sequentially emitted whereby a sensing unit senses a color image.

114. (Currently Amended) An apparatus according to claim 110,
wherein the ~~light source control unit controls the light source such that the first, the second~~
and the third lights are sequentially emitted whereby a sensing unit senses a monochrome
image.

115. (Currently Amended) An apparatus according to claim 110,
wherein ~~a sensing unit outputs a~~ the signal of one line of the image is output a plurality of
times during the first period.

116. (Currently Amended) An apparatus according to claim 110,
wherein ~~a sensing unit outputs a~~ the signal of one line of the image is output once during
the first period.

117. (Previously Added) An apparatus according to claim 110,
wherein the first light, the second light, and the third light are each one of red light, green
light, and blue light.